



LAKE COUNTY GOVERNMENT CENTER  
2293 NORTH MAIN STREET  
CROWN POINT, IN 46307  
**(Internal / External)**

**Department: Highway Department**  
**1100 E. Monitor Street**  
**Crown Point, IN 46307**

**Position: Senior Highway Engineer**

Classification: Full Time

FLSA: Exempt

Job Category: Professional, Administrative

**Reports to: County Engineer and Superintendent**

**Salary: \$65,000 to \$95,000 depending on experience and licensing/certification**

**Requirements: Bachelor's Degree in Civil Engineering or related field, Professional Engineers license (PE/State of Indiana) preferred; or ability to obtain PE within 6 months is required. Requires valid Indiana Driver's License. Must be able to demonstrate proficiency with standard software; AutoCAD, Microsoft Office, Excel, Outlook and have the ability to complete all tasks. Occasionally works evening and/or weekend hours, and responds to emergencies.**

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**Purpose of Position/ Summary:** The Lake County Highway Department oversees the inspection, construction, reconstruction, repair and maintenance of the County's roadways, bridges, and subdivision infrastructure consisting of over 520 miles of roads, 180 bridges, and numerous subdivisions. This position is to provide engineering related services to various activities and endeavors related to such infrastructure in order to protect the interests of the County and the public. The Senior Highway Engineer will report to both the County Engineer and Department Superintendent and shall serve within the Engineering Division of the Highway Department. The activities of employees in the Highway / Engineering Division include the investigation and evaluation of transportation infrastructure and management issues, MS4 program activities, construction and post-construction site inspections, review of proposed private developments for compliance to county codes and ordinances, oversee the design of drainage and infrastructure projects within the County right of way, and assisting both the County Engineer and Superintendent with the management of transportation projects in construction with County Highway and the Lake County Board of County Commissioners.

## **ESSENTIAL FUNCTIONS**

**In addition to consistent and reliable attendance, the following duties are normal for this position. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned,**

- Conduct field and desktop investigations of bridge, road, drainage, and stormwater management issues.
- Assist the County Engineer with analysis and evaluation of development and transportation management issues, including capital improvement projects for roads and bridges, stormwater management with the county right of way.
- Assist the County Engineer with design and engineering of transportation related infrastructure.
- Assist the County Engineer with scheduling management and implementation of projects within the Engineering Division of the County Highway Department.
- Review proposed drainage and stormwater management projects within the County right of way.
- Review proposed activities with the County's right of ways.
- Review proposed construction plans from consultants and developers for conformance with the County's construction standards and codes.

## **DESIRED KNOWLEDGE, SKILLS, AND ABILITIES**

- Knowledge of the principles of roads, bridge engineering and best management practices.
- Ability to plan, direct, administer and assist with activities for the division. Ability to prioritize work assignments, establish specific work goals, adhere to office policies, and ensure proper completion of tasks in compliance with policy.
- Ability to operate computer programs such as Auto-Cad, Civil 3D, ArcGis, hydrologic and hydraulic modeling software.
- Ability to properly operate surveying equipment in the field and use proper procedures for obtaining data for use with plans and specifications with in-house projects.
- Applicant must have good communication skills and the ability to work with the public, co-workers, vendors, County Attorneys and other departments affiliated with the Lake County Highway Department.
- Ability to provide service to customers and other department personnel in person or by telephone. Must have good customer service skills with the ability to answer questions and make appropriate referrals.

## **OTHER DUTIES:**

- **Perform all other duties as required.**
- **Generally scheduled during normal business hours, however, must be able to work occasional evenings, weekends and respond to emergencies.**
- **Must be capable of sitting, standing, walking, and bending as needed. Must be capable of lifting 40 pounds occasionally.**

## **RESPONSIBILITY FOR RESULTS:**

**Work must be done on a consistent basis to the satisfaction of supervision, management.**

## **SPECIFIC SKILLS INCLUDE:**

**Work cohesively with peers, supervisors, staff, and the general public.**

**All Resumes and applications must be sent to the Human Resources Department of Lake County**

**Attn: Human Resources  
2293 North Main Street  
Crown Point, IN 46307**

**\*Applications are located on the 3rd floor of Government Center in the Human Resources\***